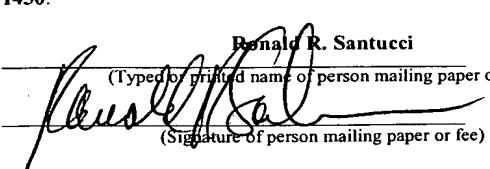


103 Rec'd PCT/PTO 31 MAR 2006

FORM PTO-1390 (REV. 1-2003)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY'S DOCKET NUMBER 930086-2025
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (If known see 37 C.F.R. 1.5) 103574331
INTERNATIONAL APPLICATION NO. PCT/KR2005/004663	INTERNATIONAL FILING DATE 30 December 2005 (30.12.2005)	PRIORITY DATE CLAIMED 30 December 2005 (30.12.2005)
TITLE OF INVENTION METHOD FOR PREPARATION OF HYDROXYALKYLALKYLCELLULOSE ETHERS WITH HIGH YIELD		
APPLICANT(S) FOR DO/EO/US Seok Soo KIM, Ung-Jin KIM, Il Young LEE, Hee Won HWANG, Yong Sung JANG		
Applicants herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none">1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.4. <input type="checkbox"/> The US has been elected (Article 31).5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))<ol style="list-style-type: none">a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).b. <input type="checkbox"/> has been communicated by the International Bureau.c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))<ol style="list-style-type: none">a. <input checked="" type="checkbox"/> is attached hereto.b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))<ol style="list-style-type: none">a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).b. <input type="checkbox"/> have been communicated by the International Bureau.c. <input checked="" type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.d. <input type="checkbox"/> have not been made and will not be made.8. <input type="checkbox"/> A English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).		
Items 11 to 20 below concern document(s) or information included:		
<ol style="list-style-type: none">11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. <u>INCLUDING FORM 1449 AND COPY OF NON-US REFERENCE CITED</u>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.13. <input checked="" type="checkbox"/> A preliminary amendment.14. <input type="checkbox"/> An Application Datasheet under 37 CFR 1.76.15. <input type="checkbox"/> A substitute specification.16. <input type="checkbox"/> A power of attorney and/or change of address letter.17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825.18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).20. <input checked="" type="checkbox"/> Other items or information: Check for \$1,040		
		<p>EXPRESS MAIL</p> <p>Mailing Label Number: EV746682826US</p> <p>Date of Deposit: March 31, 2006</p> <p>I hereby certify that this paper or fee is being deposited with the United States Postal Service</p> <p>"Express Mail Post Office to Addressee" Service under 37 CFR 1.10 on the date indicated above and is addressed to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.</p> <p>Ronald R. Santucci (Typed or printed name of person mailing paper or fee)  (Signature of person mailing paper or fee)</p>

U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/574331		INTERNATIONAL APPLICATION NO. PCT/KR2005/004663		ATTORNEY'S DOCKET NO. 930086-2025																																									
<p>The following fees are submitted:</p> <table> <tr> <td>21. <input checked="" type="checkbox"/> Basic national fee.....</td> <td>\$300.00</td> <td>\$300.00</td> <td></td> <td></td> </tr> <tr> <td>22. <input checked="" type="checkbox"/> Examination fee</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4).....</td> <td>\$100.00</td> <td></td> <td></td> <td></td> </tr> <tr> <td>All other situations</td> <td>\$200.00</td> <td>\$200.00</td> <td></td> <td></td> </tr> <tr> <td>23. <input checked="" type="checkbox"/> Search fee</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority</td> <td>\$100.00</td> <td></td> <td></td> <td></td> </tr> <tr> <td>International Search Report prepared and provided to the Office.....</td> <td>\$400.00</td> <td></td> <td></td> <td></td> </tr> <tr> <td>All other situations</td> <td>\$500.00</td> <td>\$500.00</td> <td></td> <td></td> </tr> </table>						21. <input checked="" type="checkbox"/> Basic national fee.....	\$300.00	\$300.00			22. <input checked="" type="checkbox"/> Examination fee					If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4).....	\$100.00				All other situations	\$200.00	\$200.00			23. <input checked="" type="checkbox"/> Search fee					Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority	\$100.00				International Search Report prepared and provided to the Office.....	\$400.00				All other situations	\$500.00	\$500.00		
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TOTAL OF 21, 22 and 23=				\$1,000.00																																									
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.																																													
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE																																										
15- 100=	0/50=		x	\$250.00	\$0																																								
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).																																													
<table> <thead> <tr> <th>CLAIMS</th> <th>NUMBER FILED</th> <th>NUMBER EXTRA</th> <th colspan="3">RATE</th> </tr> </thead> <tbody> <tr> <td>Total claims</td> <td>12 - 20=</td> <td>0</td> <td>x</td> <td>\$50.00</td> <td>\$0</td> </tr> <tr> <td>Independent claims</td> <td>1 - 3=</td> <td>0</td> <td>x</td> <td>\$200.00</td> <td>\$0</td> </tr> <tr> <td colspan="3">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td>+</td> <td>\$360.00</td> <td>\$0</td> </tr> </tbody> </table>						CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE			Total claims	12 - 20=	0	x	\$50.00	\$0	Independent claims	1 - 3=	0	x	\$200.00	\$0	MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+	\$360.00	\$0																
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TOTAL OF ABOVE CALCULATIONS = \$1,000.00																																													
<input type="checkbox"/> * Applicant claims small entity status. See 37 C.F.R. 1.27. The fees indicated above are reduced by $\frac{1}{2}$.																																													
SUBTOTAL = \$1,000.00																																													
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).																																													
TOTAL NATIONAL FEE = \$1,000.00																																													
Fee for recording the enclosed assignments (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property																																													
TOTAL FEES ENCLOSED = \$1,040.00																																													
<table> <tr> <td>Amount to be refunded:</td> <td>\$</td> </tr> <tr> <td>Amount to be charged:</td> <td>\$</td> </tr> </table>						Amount to be refunded:	\$	Amount to be charged:	\$																																				
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<p>a. <input checked="" type="checkbox"/> A check in the amount of <u>\$1,040</u> to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$_____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>50-0320</u>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p>																																													
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.																																													
SEND ALL CORRESPONDENCE TO:																																													
<p>Ronald R. Santucci Frommer Lawrence & Haug LLP 745 Fifth Avenue New York, New York 10151</p>																																													
 SIGNATURE																																													
Ronald R. Santucci NAME																																													
28,988																																													
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